

Title (en)

DYNAMIC CONFIGURATION OF BODY COUPLED COMMUNICATION DEVICES

Title (de)

DYNAMISCHE KONFIGURATION VON KÖRPERGEKOPPELTEN KOMMUNIKATIONSVORRICHTUNGEN

Title (fr)

CONFIGURATION DYNAMIQUE DE DISPOSITIFS DE COMMUNICATION COUPLÉS AU CORPS

Publication

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Application

EP 15775657 A 20150923

Priority

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Abstract (en)

[origin: WO2016046287A1] A body-coupled communication apparatus (100) comprises a coupler arrangement (10) comprising a plurality of couplers (11,12,13) configured to couple signals (S) between the apparatus (100) and a body (200). Signal electronics (20) are configured to process and/or generate the signals depending on an operational mode (OT,OR,OW) of the apparatus. A routing network (40) is configured to provide variable routing of the signals (S) between the signal electronics (20) and the couplers (11,12,13) thereby providing a selection between distinct coupling modes (CT,CR,CW) of the coupler arrangement (10). A mode selector (30) is configured to switch the apparatus (100) between the operational modes (OT,OR,OW) and control the routing network (40) to select between the distinct coupling modes (CT,CR,CW) based on the operational mode (OT,OR,OW) of the apparatus.

IPC 8 full level

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CPC (source: EP US)

H04B 5/22 (2024.01 - EP US); **H04B 13/00** (2013.01 - EP US); **H04B 13/005** (2013.01 - US); **H04W 40/005** (2013.01 - US); **H04W 52/0235** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP US)

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US 2008261523 A1 20081023 - KUBONO FUMIO [JP], et al

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